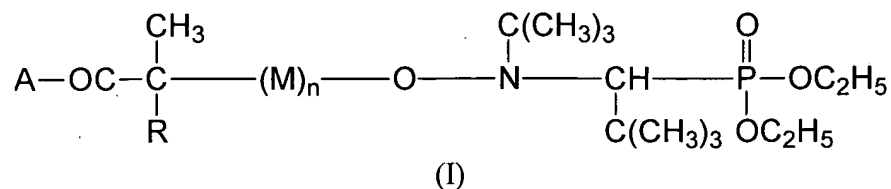


Amendments to the Claims

1. (withdrawn)) An alkoxyamine of formula (I):



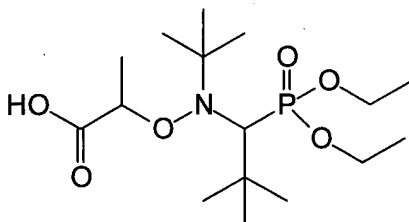
in which A represents a hydroxyl radical; a radical MeO- in which Me represents an alkali metal; an H_4N^+ -, Bu_4N^+ - or Bu_3HN^+ - radical; R represents a hydrogen atom or a methyl radical; M is a free-radical-polymerizable vinyl monomer sequence; n is an integer that may be equal to 0.

- 2 (withdrawn) The alkoxyamine of Claim 1 in which M is styrene, substituted styrenes, dienes, acrylic monomers, methacrylic monomers, acrylonitrile, acrylamide and its derivatives, vinylpyrrolidinone or a mixture of at least two abovementioned monomers.

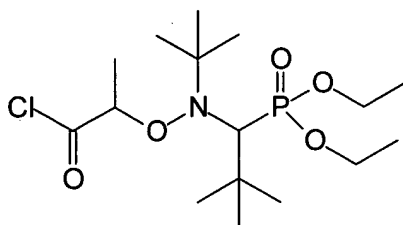
3. (withdrawn) The alkoxyamine of Claim 2 wherein the acrylic monomer is selected from the group consisting of acrylic acid or alkyl acrylates and mixtures thereof; and the methacrylic monomer is selected from the group consisting of methacrylic acid or alkyl methacrylates and mixtures thereof.

4. (withdrawn) The alkoxyamine of Claim 1 wherein said alkali metal ME is selected from the group consisting of Li, Na, K, and mixtures thereof.

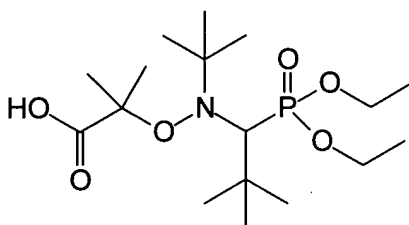
5. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-[N-tert-Butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionic acid :



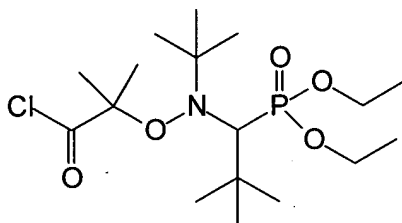
6. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-[N-tert-Butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionyl chloride:



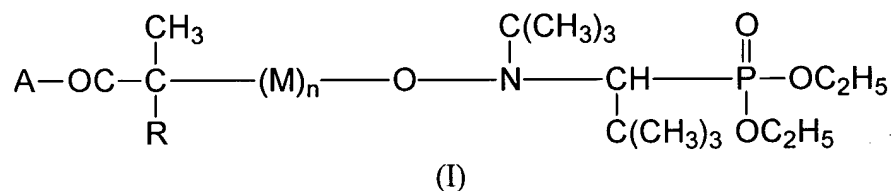
7. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-Methyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionic acid :



8. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-Methyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionyl chloride:

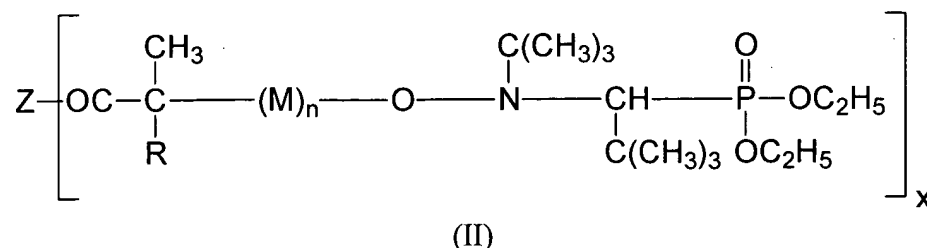


9. (currently amended) A method for preparing a polymerised or non-polymerized mono- or polyalkoxyamine comprising reacting an alkoxyamine of formula (I):



in which A represents a hydroxyl radical, a radical R^1O^\cdot in which R^1 represents a linear or branched alkyl residue containing a number of carbon atoms ranging from 1 to 6; a radical MeO^\cdot in which Me represents an alkali metal; an H_4N^+ -, Bu_4N^+ - or Bu_3HN^+ - radical; a chlorine atom; R represents a hydrogen atom or a methyl radical; M is a free-radical-polymerizable vinyl monomer sequence; n is an integer that may be

equal to 0 or 1; to form a polymerised or nonpolymerized mono- or polyalkoxyamine of the formula (II):



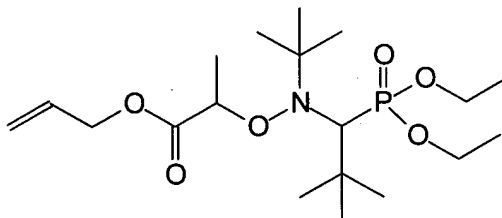
in which R and n have the same meaning as in formula (I); x is an integer at least equal to 1 or 2; Z represents a mono- or polyfunctional structure chosen from ~~the structures given below in a non-limiting manner: $\text{CH}_2=\text{CH}-\text{CH}_2-\text{O}$, $\text{CH}_2=\text{CH}-\text{CH}_2-\text{NH}$, $\text{CH}_3-(\text{OCH}_2\text{CH}_2)_p-\text{O}$, $\text{O}-(\text{CH}_2)_q-\text{O}$, p and q being integers at least equal to one, or more generally derived from compounds such as alcohols, polyols, amines, polyamines, epoxides, polyepoxides, esters, polyesters, amides, polyamides, imines, polyimines, polycarbonates, polyurethanes and or silicones.~~

10. (currently amended) The method of Claim 9 wherein said alkali metal ~~ME~~ Me is selected from the group consisting of Li, Na, K, and mixtures thereof.

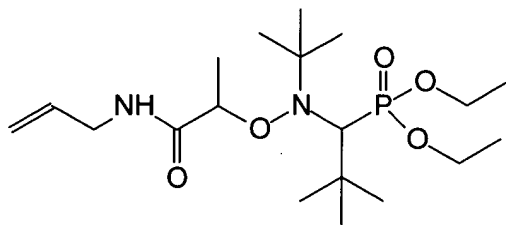
11. (currently amended) The method of claim 9 in which M is styrene, substituted styrenes, dienes, acrylic monomers, methacrylic monomers, acrylonitrile, acrylamide and its derivatives, vinylpyrrolidinone or a mixture of at least two ~~abovementioned~~ above mentioned monomers.

12. (previously presented) The method of Claim 11 wherein the acrylic monomer is selected from the group consisting of acrylic acid or alkyl acrylates and mixtures thereof; and the methacrylic monomer is selected from the group consisting of methacrylic acid or alkyl methacrylates and mixtures thereof.

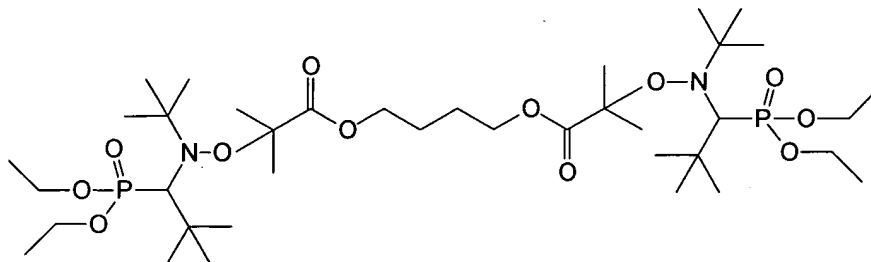
13. (currently amended) The method of Claim 9 wherein said method forms allyl 2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionate:



14. (currently amended) The method of Claim 9 wherein said method forms N-allyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionamide:



15. (currently amended) The method of Claim 9 wherein said method forms a dialkoxyamine of formula:



16. (previously presented) The method of claim 9 wherein said method forms a compound of formula (II) in which $x=1$, $n=0$, $R=CH_3$ and $Z=CH_3(OCH_2CH_2)_pO-$.

17. (new) The method of claim 9 wherein Z is selected from the group consisting of $CH_2=CH-CH_2-O-$, $CH_2=CH-CH_2-NH-$, $CH_3-(OCH_2CH_2)_p-O-$, and $-O-(CH_2)_q-O-$, wherein p and q are independently integers of from 1 to 4.